

Notes for the 2021 Fall round of ground water sampling Monitor Wells 4 (upgradient) & 6 (downgradient)

Date & time: Friday morning November 5, 2021 Effort began 12:35PM; Effort concluded 4:12PM

Weather: Overcast, calm. Slight amount of rainfall. Air temperature: 38F.

Tide information: High-high tide event for the month of November (Geiger Northwest tables)

High 1:57AM 17.6ft; 1:51 PM 20.3ft; Low 7:47 AM 0.4ft; 8:20 PM -4.1ft;

Equipment used: Geotech Series II peristaltic pump, YSI EcoSense pH100A pH/temperature probe

Personnel: Paul Berry

Monitor Well 6

Time PM	pH	Temp C
1:35	7.21	8.0

Odor: None

Visibility: Slightly cloudy

Sample time: 1:35 PM

Water height

- before sampling: 93 7/8"
- after sampling: 92.5"
- depth of well: 107"

Purging: 2.25 gallons

Monitor Well 4

Time PM	pH	Temp C
3:09	7.72	8.1

Odor: None

Visibility: Slightly cloudy

Sample time: 3:09

Water height

- before sampling: 73.5"
- after sampling: not measured
- depth of well: 103.5"

Purging: 3.5 gallons

Depth to groundwater Monitor well 3: 68"

Total depth Monitor well 3: 101"

Depth to groundwater Monitor well 1: 101"

Total depth Monitor well 1: 122"

Weather data from <https://www.weather.gov/wrh/Climate?wfo=ajk>

Station Location: GUSTAVUS 2 NE (25380)

GUSTAVUS, AK

Lat. 58.429 Lon. -135.69

Elevation(Ground): 20 ft. above sea level

Precipitation:

Date	Inches
10-29-2021	0.15
10-30-2021	0.02
10-31-2021	0
11-01-2021	0
11-02-2021	0.02
11-03-2021	0.13
11-04-2021	0.13